

2010-03-04 2114-0116PUS1_ST25
SEQUENCE LISTING

<110> ASANUMA, Hiroyuki et al.

<120> DNA ENZYME AND METHOD FOR CONTROLLING ACTIVITY THEREOF

<130> 2114-0116PUS1

<140> US 10/590,777

<141> 2007-01-04

<160> 11

<170> PatentIn version 3.5

<210> 1

<211> 13

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 1

ccgagccgga cga

13

<210> 2

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 2

ggctagctac aacga

15

<210> 3

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<400> 3

ctgaaggggg ctagctacaa cgattcttcc t

31

<210> 4

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide

<220>

<221> misc_feature

<222> (23)..(24)

<223> location of phosphoramidite monomer - Xa

<400> 4

ctgaaggggg ctagctacaa cgattcttcc t

31

<210> 5

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<223> synthetic oligonucleotide

<220>

<221> misc_feature

<222> (23)..(24)

<223> location of phosphoramidite monomer - Xb

<400> 5

ctgaaggggg ctagctacaa cgattcttcc t

31

<210> 6

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<223> synthetic oligonucleotide

<220>

<221> misc_feature

<222> (23)..(24)

<223> location of phosphoramidite monomer - Xc

<400> 6

ctgaaggggg ctagctacaa cgattcttcc t

31

<210> 7

<211> 17

<212> RNA

<213> Artificial Sequence

<220>

<223> synthetic oligonucleotide

<220>

<221> misc_feature

<222> (1)..(1)

<223> Fluorescein isothiocyanate (FITC) on 5' end

<400> 7

aggaagaagc ccuucag

17

<210> 8

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<223> synthetic oligonucleotide

<220>

<221> misc_feature

<222> (24)..(25)

<223> location of phosphoramidite monomer - Xa

<400> 8

ctgaaggggg ctagctacaa cgattcttcc t

31

<210> 9

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<223> synthetic oligonucleotide

<220>

<221> misc_feature

<222> (26)..(27)

<223> location of phosphoramidite monomer - Xa

<400> 9

ctgaaggggg ctagctacaa cgattcttcc t

31

<210> 10

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> synthetic oligonucleotide

<400> 10

agtccgagcc ggacga

16

<210> 11

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> synthetic oligonucleotide

<400> 11

ryrggctagc tacaacga

18